

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10040221 on February 26, 2003

- 10 701/213 (0 OR, 10 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)
- 8 455/456 (3 OR, 5 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 .Zoned or cellular telephone system
455/456 ..Location monitoring
- 7 340/988 (3 OR, 4 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/988 VEHICLE POSITION INDICATION
- 7 701/207 (6 OR, 1 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
- 6 342/457 (0 OR, 6 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/457 ..Land vehicle location (e.g., bus, police car)
- 6 701/208 (1 OR, 5 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/208 ..For use in a map data base system
- 5 701/301 (2 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/300 RELATIVE LOCATION
701/301 .Collision avoidance

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4 340/991 (0 OR, 4 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/988 VEHICLE POSITION INDICATION
 340/989 .At remote location
 340/991 ..Position indication transmitted by vehicle
 after receipt of information from local sta
 tion

4 340/995 (1 OR, 3 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/988 VEHICLE POSITION INDICATION
 340/995 .Map display

4 342/357.06 (0 OR, 4 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)

4 342/357.08 (2 OR, 2 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.08Determining relative position (e.g.,
 distance or direction)

4 342/357.13 (1 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating
 342/357.06 ...Using Global Positioning Satellite (GPS or
 Glonass)
 342/357.13With storage device (i.e., map or database
)

4 701/200 (0 OR, 4 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND

RELATIVE LOCATION

701/200 NAVIGATION

4 701/214 (1 OR, 3 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/213 ..Using Global Positioning System (GPS)
 701/214 ...Means to improve accuracy of position or
 location

3 246/122R (1 OR, 2 XR)
 Class 246 : RAILWAY SWITCHES AND SIGNALS
 246/122R TRAIN-POSITION INDICATION

3 342/357.01 (0 OR, 3 XR)
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
 342/350 DIRECTIVE
 342/352 .Including a satellite
 342/357.01 ..With position indicating

3 701/215 (0 OR, 3 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/213 ..Using Global Positioning System (GPS)
 701/214 ...Means to improve accuracy of position or
 location
 701/215Having multiple GPS antennas or receivers
 (e.g., differential GPS)

3 707/101 (1 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/100 DATABASE SCHEMA OR DATA STRUCTURE
 707/101 .Manipulating data structure (e.g.,
 compression, compaction, compilation)

3 707/200 (1 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT OR DATA STRUCTURES
 707/200 FILE OR DATABASE MAINTENANCE

3 707/201 (1 OR, 2 XR)
 Class 707 : DATA PROCESSING: DATABASE AND FILE

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      MANAGEMENT OR DATA STRUCTURES
707/200 FILE OR DATABASE MAINTENANCE
707/201 .Coherency (e.g., same view to multiple users)

3 707/202      (0 OR, 3 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT OR DATA STRUCTURES
707/200 FILE OR DATABASE MAINTENANCE
707/201 .Coherency (e.g., same view to multiple users)

707/202      ..Recoverability

3 707/203      (2 OR, 1 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT OR DATA STRUCTURES
707/200 FILE OR DATABASE MAINTENANCE
707/201 .Coherency (e.g., same view to multiple users)

707/203      ..Version management

2 37/348      (0 OR, 2 XR)
    Class 037 : EXCAVATING
37/347 DITCHER
37/348 .Condition responsive

2 37/414      (0 OR, 2 XR)
    Class 037 : EXCAVATING
37/411 SCOOP OR EXCAVATING AND TRANSPORTING CONTAINER

37/412      .Supported on vehicle between longitudinally
                spaced ground supports
37/414      ..Condition responsive or programmable means
                controls the excavating operation

2 73/178R     (0 OR, 2 XR)
    Class 073 : MEASURING AND TESTING
73/178R NAVIGATION

2 111/130     (0 OR, 2 XR)
    Class 111 : PLANTING
111/130 BROADCASTING

2 198/349.95  (0 OR, 2 XR)
    Class 198 : CONVEYORS: POWER-DRIVEN
198/348 CONVEYOR ARRANGEMENT FOR SELECTING AMONG PLURA

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SOURCES OR DESTINATIONS

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198/349 .With selection responsive to means containing
 or introducing changeable operating inst
ructions
198/349.5 ..Using central memory to store code until
 article is discharged
198/349.6 ...Memory stores plural sources or destination
s
198/349.95 Conveyor detector indexes code

2 221/1 (0 OR, 2 XR)
Class 221 : ARTICLE DISPENSING
221/1 PROCESSES

2 239/1 (0 OR, 2 XR)
Class 239 : FLUID SPRINKLING, SPRAYING, AND DIFFUSING
239/1 PROCESSES

2 318/590 (0 OR, 2 XR)
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
318/560 POSITIONAL SERVO SYSTEMS (E.G.,
 SERVOMECHANISMS)
318/590 .Multiple mode systems

2 340/689 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/686.1 ..Position responsive
340/689 ...Tilt

2 340/825.49 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.36 .Having indication or alarm (e.g., location
 indication)
340/825.49 ..Location indication

2 340/990 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/988 VEHICLE POSITION INDICATION
340/989 .At remote location
340/990 ..With map display

2 340/994 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/988 VEHICLE POSITION INDICATION
340/989 .At remote location

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340/994 ..Vehicle's arrival or expected arrival at
at remote remote location along route indicated at th
location (e.g., bus arrival systems)

2 342/107 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/104 DETERMINING VELOCITY
342/107 .Combined with determining distance and
direction

2 342/158 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/147 DETERMINING DIRECTION
342/158 .Scanning

2 342/29 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/29 AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)

2 342/357.07 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)
342/357.07Tracking or monitoring (i.e., lost or
stolen vehicles)

2 342/357.09 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)
342/357.09With transmission of location-indicative
information to or from a remote station

2 342/357.1 (2 OR, 0 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

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342/350    DIRECTIVE
342/352    .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
            Glonass)
342/357.1  ....Combined with telecommunication

2  342/357.12  (2 OR, 0 XR)
    Class 342 : COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                AND DEVICES
    342/350    DIRECTIVE
    342/352    .Including a satellite
    342/357.01 ..With position indicating
    342/357.06 ...Using Global Positioning Satellite (GPS or
                Glonass)
    342/357.12 ....GPS receiver signal processing

2  342/357.17  (1 OR, 1 XR)
    Class 342 : COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                AND DEVICES
    342/350    DIRECTIVE
    342/352    .Including a satellite
    342/357.01 ..With position indicating
    342/357.17 ...With particular action taken responsive to
                position

2  342/450      (1 OR, 1 XR)
    Class 342 : COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS
                AND DEVICES
    342/350    DIRECTIVE
    342/450    .Position indicating (e.g., triangulation)

2  345/418      (1 OR, 1 XR)
    Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
                INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                SYSTEMS
    345/418    COMPUTER GRAPHICS PROCESSING

2  345/419      (1 OR, 1 XR)
    Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
                INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                SYSTEMS
    345/418    COMPUTER GRAPHICS PROCESSING
    345/419    .Three-dimension

2  345/420      (1 OR, 1 XR)

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Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY

SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/419 .Three-dimension

345/420 ..Solid modelling

2 345/634 (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY

SYSTEMS

345/418 COMPUTER GRAPHICS PROCESSING

345/619 .Graphic manipulation (object processing or
display attributes)

345/629 ..Merge or overlay

345/634 ...Image based

2 345/856 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY

SYSTEMS

345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER
INTERFACE)

345/764 .On-screen workspace or object

345/856 ..Cursor

2 345/904 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY

SYSTEMS

345/904 DISPLAY WITH FAIL/SAFE TESTING FEATURE

2 348/118 (0 OR, 2 XR)

Class 348 : TELEVISION

348/61 SPECIAL APPLICATIONS

348/113 .Navigation

348/118 ..Land vehicle

2 360/92 (1 OR, 1 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR
RETRIEVAL

360/88 RECORD TRANSPORT WITH HEAD STATIONARY DURING
TRANSDUCING

360/90 .Tape record

360/91 ..Plural tapes
360/92 ...Tape in container

- 2 369/30.48 (1 OR, 1 XR)
Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
369/24.01 INFORMATION LOCATION OR REMOTE OPERATOR
ACTUATED CONTROL
369/30.01 .Selective addressing of storage medium (e.g.,
programmed access)
369/30.03 ..Of optical storage medium
369/30.38 ...Plural optical storage media in library
system
369/30.4Plural media are discs stored in cartridge

s

369/30.48Having particular mechanism or slot for
transferring disc into library from outside

- 2 386/117 (2 OR, 0 XR)
Class 386 : TELEVISION SIGNAL PROCESSING FOR DYNAMIC
RECORDING OR REPRODUCING
386/46 PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC
RECORDING OR REPRODUCING
386/117 .Including television camera

- 2 386/46 (0 OR, 2 XR)
Class 386 : TELEVISION SIGNAL PROCESSING FOR DYNAMIC
RECORDING OR REPRODUCING
386/46 PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC
RECORDING OR REPRODUCING

- 2 434/118 (2 OR, 0 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/118 COMPUTER LOGIC, OPERATION, OR PROGRAMMING
INSTRUCTION

- 2 434/365 (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/365 MEANS FOR DEMONSTRATING APPARATUS, PRODUCT, OR
SURFACE CONFIGURATION, OR FOR DISPLAYING ED

UCATION MATERIAL

OR STUDENT'S WORK

- 2 434/379 (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/365 MEANS FOR DEMONSTRATING APPARATUS, PRODUCT, OR
SURFACE CONFIGURATION, OR FOR DISPLAYING E

DUCATION MATERIAL

OR STUDENT'S WORK

434/379

.Demonstration or display of electrical
apparatus or component

2 446/901 (0 OR, 2 XR)

Class 446 : AMUSEMENT DEVICES: TOYS
446/901 DETACHABLY ADHESIVE

2 455/414 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/414 .Special service

2 455/432 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422 .Zoned or cellular telephone system
455/432 ..Roaming

2 455/524 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more
than two stations)
455/507 ..Central station (e.g., master, etc.)
455/517 ...To or from mobile station
455/524Multiple base stations

2 701/117 (1 OR, 1 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
701/117 .Traffic analysis or control of surface vehicl

e

2 701/16 (2 OR, 0 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
701/3 .Aeronautical vehicle
701/16 ..With indication or control of landing

2 701/19 (1 OR, 1 XR)

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 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/19 .Railway vehicle

2 701/216 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/213 ..Using Global Positioning System (GPS)
 701/214 ...Means to improve accuracy of position or
 location
 701/216Having an self-contained position computin

g

means (e.g., dead reckoning)

2 701/217 (1 OR, 1 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/217 ..Using dead-reckoning apparatus

2 701/24 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/23 .Automatic route guidance vehicle
 701/24 ..On-board computer interact with a host
 computer

2 701/300 (0 OR, 2 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/300 RELATIVE LOCATION

2 701/45 (1 OR, 1 XR)

Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/36 .Vehicle subsystem or accessory control
 701/45 ..Control of vehicle safety devices (e.g.,
 airbag, seat-belt, etc.)

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- 2 701/50 (1 OR, 1 XR)
 - Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
 - 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
INDICATION
 - 701/50 .Construction or agricultural-type vehicle
(e.g., crane, forklift)

- 2 707/100 (0 OR, 2 XR)
 - Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
 - 707/100 DATABASE SCHEMA OR DATA STRUCTURE

- 2 707/6 (0 OR, 2 XR)
 - Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
 - 707/1 DATABASE OR FILE ACCESSING
 - 707/3 .Query processing (i.e., searching)
 - 707/6 ..Pattern matching access

- 2 707/8 (0 OR, 2 XR)
 - Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
 - 707/1 DATABASE OR FILE ACCESSING
 - 707/8 .Concurrency (e.g., lock management in shared
database)

- 2 707/9 (0 OR, 2 XR)
 - Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
 - 707/1 DATABASE OR FILE ACCESSING
 - 707/9 .Privileged access